

**IH 94: STH 26 TO STH 67 (JEFFERSON AND WAUKESHA COUNTIES)  
OFF-PEAK DAY CLOSURE  
DIVERSION ROUTE: STH 26 - USH 18 - STH 67**

**OCTOBER**  
Analyzed for 2009  
Construction Season

**SUMMARY OF TRAFFIC MODEL OUTPUT**  
FRIDAY WESTBOUND DIRECTION

TIME OF DAY	FLOWS AND CAPACITY IN VEH/HR							AVERAGE SPEEDS IN MPH							
	MAIN ROUTE		ALTERNATE ROUTE		SITE CAPA CITY	FLOW MAIN ROUTE	FLOW DIVER -TING	TOTAL DIVN FLOW	AV.DEL PER VEH (MINS)	AVERAGE QUEUE (VEH)	MAIN ROUTE		ALTERNATE ROUTE		
	DEMAND FLOW	PCT HEAVY	NORMAL FLOW	PCT HEAVY							WITHOUT WORK ZN	WITH WORK ZN	SITE	WITHOUT WORK ZN	WITH WORK ZN
MID-1 AM	177	0.0	21	0.0	OFF	177	0	21	0.00	0	66.1	66.1	66.1	44.4	44.4
1-2 AM	130	0.0	15	0.0	OFF	130	0	15	0.00	0	66.1	66.1	66.1	44.5	44.5
2-3 AM	122	0.0	14	0.0	OFF	122	0	14	0.00	0	66.1	66.1	66.1	44.5	44.5
3-4 AM	111	0.0	13	0.0	OFF	111	0	13	0.00	0	66.2	66.2	66.2	44.5	44.5
4-5 AM	207	0.0	24	0.0	OFF	207	0	24	0.00	0	66.0	66.0	66.0	44.3	44.3
5-6 AM	410	0.0	48	0.0	OFF	410	0	48	0.00	0	65.6	65.6	65.6	44.0	44.0
6-7 AM	919	0.0	108	0.0	OFF	919	0	108	0.00	0	64.6	64.6	64.6	43.2	43.2
7-8 AM	1308	0.0	154	0.0	OFF	1308	0	154	0.00	0	64.0	64.0	64.0	42.5	42.5
8-9 AM	1398	0.0	165	0.0	OFF	1398	0	165	0.00	0	63.8	63.8	63.8	42.4	42.4
9-10 AM	1501	0.0	177	0.0	1499	1501	0	177	1.11	2	63.6	59.0	31.0	42.2	42.2
10-11 AM	1558	0.0	184	0.0	1500	1558	0	184	2.35	36	63.5	54.5	30.8	42.1	42.1
11A-NOON	1588	0.0	187	0.0	1500	1588	0	187	5.04	109	63.4	46.8	30.8	42.0	42.0
NOON-1PM	1638	0.0	193	0.0	1500	1638	0	193	8.97	217	63.3	38.8	30.8	42.0	42.0
1-2 PM	1833	0.0	216	0.0	1500	1833	0	216	17.29	451	63.0	28.5	30.8	41.6	41.6
2-3 PM	1943	0.0	229	0.0	1499	1756	187	416	29.74	782	62.8	20.4	30.8	41.4	38.8
3-4 PM	2148	0.0	253	0.0	1499	1638	510	763	36.09	953	62.4	17.8	30.8	41.1	33.8
4-5 PM	2325	0.0	274	0.0	OFF	2325	0	274	7.40	311	62.0	41.1	41.1	40.8	40.8
5-6 PM	2204	0.0	260	0.0	OFF	2204	0	260	0.00	0	62.3	62.3	62.3	41.0	41.0
6-7 PM	2367	0.0	279	0.0	OFF	2367	0	279	0.00	0	62.0	62.0	62.0	40.7	40.7
7-8 PM	1536	0.0	181	0.0	OFF	1536	0	181	0.00	0	63.5	63.5	63.5	42.1	42.1
8-9 PM	911	0.0	107	0.0	OFF	911	0	107	0.00	0	64.7	64.7	64.7	43.2	43.2
9-10 PM	710	0.0	84	0.0	OFF	710	0	84	0.00	0	65.1	65.1	65.1	43.5	43.5
10-11 PM	570	0.0	67	0.0	OFF	570	0	67	0.00	0	65.3	65.3	65.3	43.8	43.8
11PM-MID	395	0.0	47	0.0	OFF	395	0	47	0.00	0	65.6	65.6	65.6	44.0	44.0

"OFF" INDICATES NO ROAD WORK (ALL LANES OPEN TO TRAFFIC)

*----- SITE BREAKDOWN DELAYS -----*	
BREAKDOWN DURATION (MINS)	0
RANGE OF QUEUE DELAY - MIN	0.0
(VEH-H) MAX	0.0
RANGE OF DIVN DELAY - MIN	0.0
(VEH-H) MAX	0.0
AV BREAKDOWNS PER DAY	0.00
AV QUEUE DELAY/DAY (VEH-H)	0.0
AV DIVN DELAY/DAY (VEH-H)	0.0
AV TOTAL DELAY/DAY (VEH-H)	0.0

*----- SITE ACCIDENT DELAYS -----*	
ACCIDENT DURATION (MINS)	0
RANGE OF QUEUE DELAY - MIN	0.0
(VEH-H) MAX	0.0
RANGE OF DIVN DELAY - MIN	0.0
(VEH-H) MAX	0.0
AV ACCIDENTS PER DAY	0.00
AV QUEUE DELAY/DAY (VEH-H)	0.0
AV DIVN DELAY/DAY (VEH-H)	0.0
AV TOTAL DELAY/DAY (VEH-H)	0.0

AVERAGE ACCIDENT NUMBERS (PIA/DAY)	
MAIN ROUTE WITHOUT WORKS	0.0669
MAIN ROUTE WITH WORKS	0.0644
DIVERSION	0.0420

PIA: Personal Injury Accidents

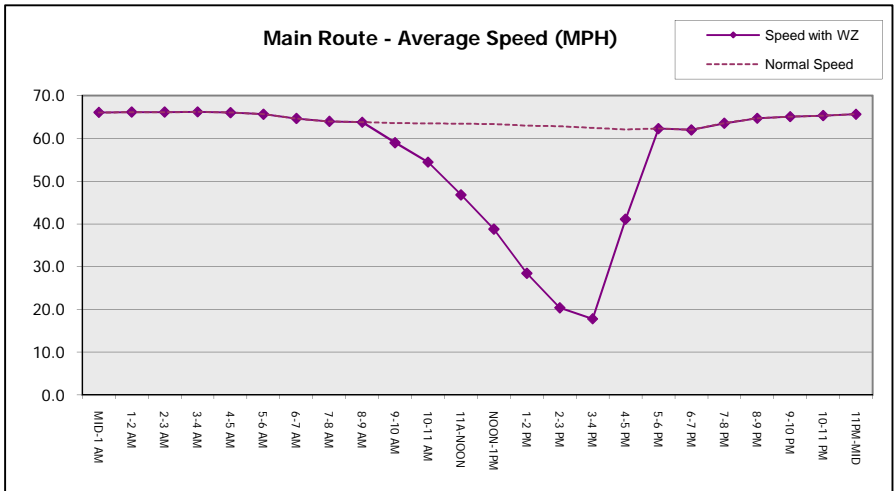
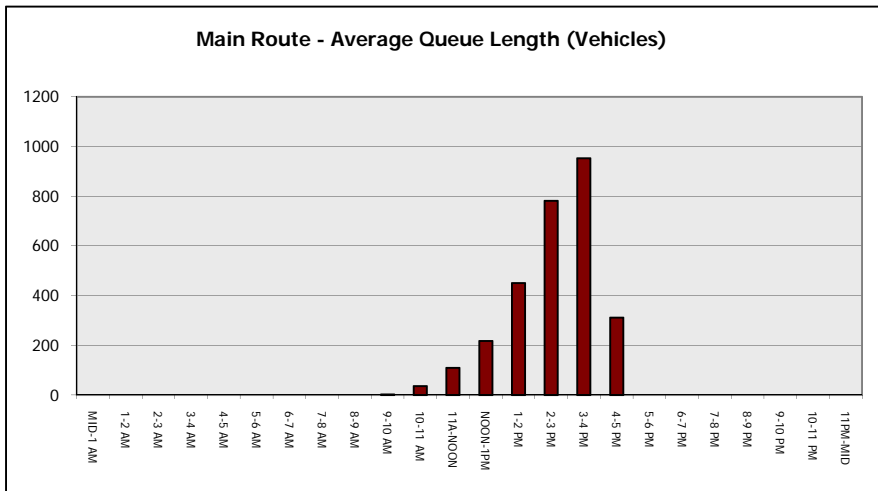
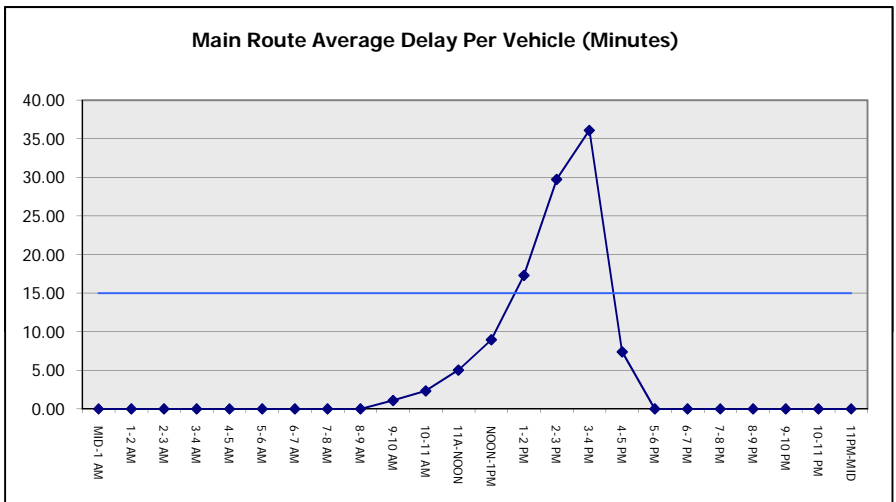
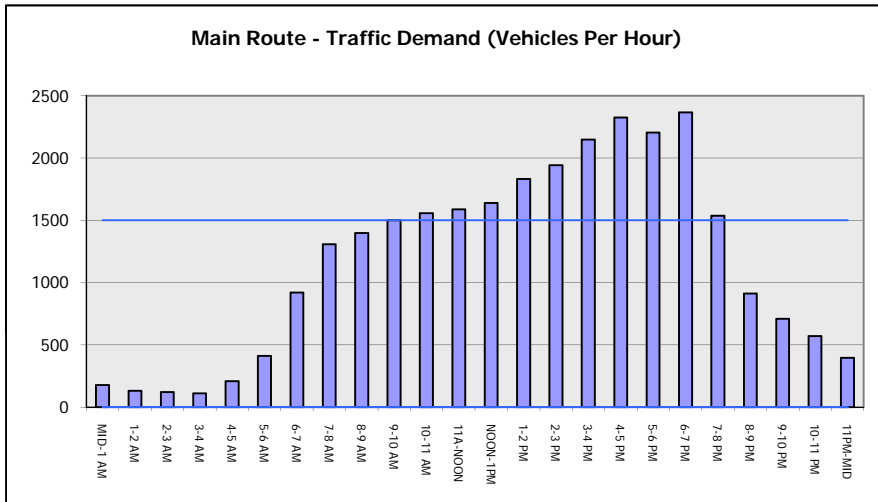
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY ( DOLLARS)	\$37,634
CONGESTED HOURS PER DAY*	3

\*Delays Exceeding 15 Minutes

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**OFF-PEAK DAY CLOSURE**  
**DIVERSION ROUTE: STH 26 - USH 18 - STH 67**

**OCTOBER**  
 Analyzed for 2009  
 Construction Season

**GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT**  
**FRIDAY WESTBOUND DIRECTION**



<b>IH 94: STH 26 TO STH 67 (JEFFERSON AND WAUKESHA COUNTIES)</b> <b>OFF-PEAK DAY CLOSURE</b> <b>DIVERSION ROUTE: STH 26 - USH 18 - STH 67</b>	<b>OCTOBER</b>
	Analyzed for 2009 Construction Season

<b>SUMMARY OF TRAFFIC MODEL OUTPUT</b>	
FRIDAY	EASTBOUND DIRECTION

TIME OF DAY	FLOWS AND CAPACITY IN VEH/HR								AVERAGE SPEEDS IN MPH						
	MAIN		DIVERSION		SITE CAPA CITY	FLOW MAIN ROUTE	FLOW DIVER -TING	TOTAL DIVN FLOW	AV.DEL PER VEH (MINS)	AVERAGE QUEUE (VEH)	MAIN ROUTE		SITE	ALTERNATE ROUTE	
	DEMAND FLOW	PCT HEAVY	NORMAL FLOW	PCT HEAVY							WITHOUT WORK ZN	WITH WORK ZN		WITHOUT WORK ZN	WITH WORK ZN
MID-1 AM	141	0.0	17	0.0	OFF	141	0	17	0.00	0	66.1	66.1	66.1	44.5	44.5
1-2 AM	110	0.0	13	0.0	OFF	110	0	13	0.00	0	66.2	66.2	66.2	44.5	44.5
2-3 AM	95	0.0	11	0.0	OFF	95	0	11	0.00	0	66.2	66.2	66.2	44.5	44.5
3-4 AM	138	0.0	16	0.0	OFF	138	0	16	0.00	0	66.1	66.1	66.1	44.5	44.5
4-5 AM	224	0.0	26	0.0	OFF	224	0	26	0.00	0	66.0	66.0	66.0	44.3	44.3
5-6 AM	487	0.0	57	0.0	OFF	487	0	57	0.00	0	65.5	65.5	65.5	43.9	43.9
6-7 AM	858	0.0	101	0.0	OFF	858	0	101	0.00	0	64.8	64.8	64.8	43.3	43.3
7-8 AM	1096	0.0	129	0.0	OFF	1096	0	129	0.00	0	64.3	64.3	64.3	42.8	42.8
8-9 AM	951	0.0	112	0.0	OFF	951	0	112	0.00	0	64.6	64.6	64.6	43.1	43.1
9-10 AM	911	0.0	107	0.0	1500	911	0	107	0.51	0	64.7	62.4	42.0	43.2	43.2
10-11 AM	981	0.0	116	0.0	1500	981	0	116	0.52	0	64.6	62.2	41.7	43.0	43.0
11A-NOON	1097	0.0	129	0.0	1500	1097	0	129	0.53	0	64.3	62.0	41.4	42.8	42.8
NOON-1PM	1232	0.0	145	0.0	1500	1232	0	145	0.68	0	64.1	61.1	37.4	42.7	42.7
1-2 PM	1436	0.0	169	0.0	1499	1436	0	169	0.94	0	63.7	59.7	32.2	42.3	42.3
2-3 PM	1685	0.0	199	0.0	1499	1685	0	199	3.75	79	63.2	50.1	30.8	41.9	41.9
3-4 PM	1855	0.0	219	0.0	1500	1855	0	219	13.55	352	62.9	32.3	30.8	41.6	41.6
4-5 PM	1989	0.0	235	0.0	OFF	1989	0	235	1.58	72	62.7	56.4	56.4	41.4	41.4
5-6 PM	1849	0.0	218	0.0	OFF	1849	0	218	0.00	0	63.0	63.0	63.0	41.6	41.6
6-7 PM	1437	0.0	169	0.0	OFF	1437	0	169	0.00	0	63.7	63.7	63.7	42.3	42.3
7-8 PM	1068	0.0	126	0.0	OFF	1068	0	126	0.00	0	64.4	64.4	64.4	42.9	42.9
8-9 PM	799	0.0	94	0.0	OFF	799	0	94	0.00	0	64.9	64.9	64.9	43.3	43.3
9-10 PM	537	0.0	63	0.0	OFF	537	0	63	0.00	0	65.4	65.4	65.4	43.8	43.8
10-11 PM	595	0.0	70	0.0	OFF	595	0	70	0.00	0	65.3	65.3	65.3	43.7	43.7
11PM-MID	481	0.0	57	0.0	OFF	481	0	57	0.00	0	65.5	65.5	65.5	43.9	43.9

"OFF" INDICATES NO ROAD WORK (ALL LANES OPEN TO TRAFFIC)

*----- SITE BREAKDOWN DELAYS -----*	
BREAKDOWN DURATION (MINS)	0
RANGE OF QUEUE DELAY - MIN	0.0
(VEH-H) MAX	0.0
RANGE OF DIVN DELAY - MIN	0.0
(VEH-H) MAX	0.0
AV BREAKDOWNS PER DAY	0.00
AV QUEUE DELAY/DAY (VEH-H)	0.0
AV DIVN DELAY/DAY (VEH-H)	0.0
AV TOTAL DELAY/DAY (VEH-H)	0.0

*----- SITE ACCIDENT DELAYS -----*	
ACCIDENT DURATION (MINS)	0
RANGE OF QUEUE DELAY - MIN	0.0
(VEH-H) MAX	0.0
RANGE OF DIVN DELAY - MIN	0.0
(VEH-H) MAX	0.0
AV ACCIDENTS PER DAY	0.00
AV QUEUE DELAY/DAY (VEH-H)	0.0
AV DIVN DELAY/DAY (VEH-H)	0.0
AV TOTAL DELAY/DAY (VEH-H)	0.0

AVERAGE ACCIDENT NUMBERS (PIA/DAY)	
MAIN ROUTE WITHOUT WORKS	0.0526
MAIN ROUTE WITH WORKS	0.0520
DIVERSION	0.0273

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY ( DOLLARS)	\$6,799
CONGESTED HOURS PER DAY*	0

\*Delays Exceeding 15 Minutes

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**OFF-PEAK DAY CLOSURE**  
**DIVERSION ROUTE: STH 26 - USH 18 - STH 67**

**OCTOBER**  
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**GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT**  
**FRIDAY EASTBOUND DIRECTION**

